Exhibit 300 BY15: BFS - Budget Formulation System (Revision 33)

Initiative Definition BY15

Initiative Definition BY15

Template Name	BY2020
Is this investment a consolidated business case?	No
Consolidated Business Case Parent Investment(s)	
Investment Name	BFS - Budget Formulation System
Investment Revision Number	33
Point of Contact	Chin, Derek
Revision Comment	
Class	IT

Ex 300A: Section A: General Information BY15

Descriptive Information BY15

Agency	Environmental Protection Agency
Bureau	Office Of The Chief Financial Officer
Office of Investment	OCFO
Current EPA Investment Type	Medium
EPA BAS IT Code(s)	BD
EPA Project Site Code(s)	
EPA IMO Name	David Devere
EPA SIO Name	Howard Osborne

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Change in Investment Status Identifier	No Change in Status
Agency description of change in investment status	
Name of this Investment	BFS - Budget Formulation System
Unique Investment Identifier 9 Digit Code	000010070
Full UPI/UII Code	020-000010070 00-00-02-16-02-00
IT Dashboard Investment Identifier	020-000010070
OMB Investment Category	00
Part of Agency IT Portfolio Summary	IT Investments for Mission Delivery and Management Support
OMB Investment Type	02 - Non-Major IT Investment
OMB Major Mission Area	Multi-Goal IT Investments
Previous (UII) (12 digits required for all legacy investments)	020-000010070 00-00-01-01-02-00
If this investment supports homeland security, Indicate by corresponding number which homeland security mission area(s) this investment supports?	None
OMB Short Description	Budget Formulation System (BFS) formerly titled New Budget Formulation System (NBFS) will be EPA's future budgeting system . Budget Automation System (formerly titled Budget Formulation System) is EPA's current budgeting system. Development began in 2014.

Ex 300A: Section B: Investment Detail BY15

Investment Detail BY15

Briefly describe the investment's purpose, goals, and current or anticipated benefits (quantitative and/or qualitative). Include the investment's specific contribution to mission delivery or agency management support functions and identify key customers, stakeholders, and other beneficiaries.

OCFO is replacing the BAS system with the Budget Formulation System with development having begun in 2014. The purpose of the Budget Formulation System will be to provide an integrated budgeting and performance management system for the entire agency, with the goal of supporting the development of congressional justifications, OMB submissions, operating plans, and other important budget functions the offices of the agency require. The project is also of interest to other federal agencies and we will work with them to review requirements to potentially develop a service provider version. The primary beneficiaries include, the agency, OMB, and Congress, and other federal agencies if successful in building partnerships.

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Development of new software began in 2014. Benefits of the application include its accessibility through a web application and a user friendly flexible structure. Currently, EPA uses an infrastructure/platform-as-a-service cloud environment. The system is designed to provide the option of being used by other agencies. O&M costs incurred beginning in 2016.

Based on the Agency IRM Strategic Plan, describe how the investment contributes to the agency target EA and its description in the Enterprise Roadmap. Include a description of how the investment includes or will achieve programmatic or technical innovation.

BFS will contribute to the agency target EA by providing funding data on other EA investments. By providing this funding data, the EPA will be able to appropriately evaluate the costs of all systems while still trying to achieve its strategic goals. This is best represented in CPIC submissions. CPIC submissions will pull data from BFS to report on each of the agency's system costs in order to fulfill Enterprise Roadmap objectives.

The agency's budget formulation processes are used by all the investments to inform the agency's EA Program to support the Target architecture and enterprise Roadmap.

BFS will use cloud computing as a technical innovation. As a cloud enabled application, the EPA will be able to store its data offsite on a third party's server. This will reduce the agency's cost of purchasing and maintaining its own server. Also, BFS will no longer have a client-server relationship, but will be introduced as a web enabled application, allowing access to headquarter, regional, and teleworking employees. In addition, the EPA will be able to develop BFS in conjunction with other agencies in order to share costs. BFS is envisioned as a shared service across the federal government.

Briefly describe the Investment's quantitative and qualitative return on Investment (ROI), including primary and secondary costs and benefits (internal and external to the government) and outcomes achieved or planned.

In the table below, indicate if the investment in whole or in part specifically addresses any of the following types of requirements: Note: Where "Yes" is indicated, provide a brief description of the requirement and how the investment will meet the requirement. Include citations within descriptions, if available. Provide any URLs associated with each requirement. If citing the Agency Performance Plan, provide the applicable "PRM" code from the Performance Reference Model (www.whitehouse.gov/omb/e-gov/FEA).

Requirements Table

Requirement Area	Required By	Description	URL(s)
Legislative Mandate			
Outstanding Audit Finding or Material Weakness			
Published Agency Strategic Plan/Annual Performance Plan			
Presidential Direction (i.e. Presidential Directive, Presidential Memorandum, or Executive Order)			
Other Requirement			

Provide a description of the investment's progress and accomplishments in the PY, including the investment's overall performance against baseline goals, targets, significant milestones, or performance measures, and any corrective actions taken to address performance deficiencies.

Describe the investment's objectives for the CY, BY, and budget out years, if available, including specific accomplishments to achieve, realize, or continue to achieve the benefits cited in question B.1. above.

If this investment will result in the elimination or the reduction of another major or non-major investment(s), please complete the following:

Affected Investment Table

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OMB ID	Investment UII (one or more)	To Be Status	Include In OMB Dashboard

Shared Service

Included?	Check All That Apply
A shared service (intra-or inter-agency current and/or planned)	
PIV-enabled systems (per HSPD-12) (all systems currently PIV-enabled) (see OMB memo M-11-11)	
APIs (application programming interfaces) consistent with the Digital Government Strategy	

Have the following requirements been incorporated into the acquisition planning documents and technical design for the new or modernizing components of this investment, consistent with the Open Data policy outlined in OMB memo M-13-13? Answer for each of the following requirements:

System design is scalable, flexible, and facilitates data extraction.(Capability for users to extract data in multiple formats and for a range of uses, including as internal and external needs change and potential uses not accounted for in the original design.)

All data outputs associated with this system are or shall be accounted for in the Enterprise Data Inventory.

All data outputs associated with this system meet the requirements described in part III, sections 1.a-d of M-13-13 (relating to machine-readability, open formats, data standards, open licenses, and use of common core metadata).

Data schema and dictionaries are or shall be documented and shared with applicable internal partners and the public.

If the answers to ALL of questions 9.a, 9.b, 9.c, and 9.d are "No," then select ONE of the following

Not applicable, because this investment does not include any information systems which are new or preparing for modernization. (Only check this if investment does not contain any DME funding in PY, CY, or BY)

Not applicable, because these requirements are not appropriate for this investment. Please explain why these requirements are not appropriate for this investment.

Agency CIO has not yet validated these requirements for this investment.

Provide any/all URLs related to the investment, using the columns/categories below to indicate how each URL is related to the investment and the extent of mobile optimization for each URL.

For question 11, DO NOT answer for websites external to this investment, such as Data.gov or non-government websites, Otherwise check all that apply

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Related Investment URLs Table

OMB ID	URL (as many as necessary)	10 A. Provides publicly accessible datasets produced by this investment	10 B. Provides one or more publicly accessible API(s) to provide access to data from this investment	10 C. Provides links to social media about this investment (e.g., blogging, social networking, podcasts, and other user generated content).	10 D. Provides general information about this investment	10 E. Provides general information about the business process or program served by this investment	10 F. Link to mobile application associated with this investment	11 A. Website designed primarily for users on mobile devices	11 B. Website uses responsive web design to improve user experience for users on mobile devices	Include In OMB Dashboard

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Provide names and contact information for IPT members in the table below. If available, insert lines for other IPT members such as enterprise architects, capital planners, and performance specialists. The IT PM, business process owner/SME, and contracting specialist must be Federal Government employees. The business process owner or SME may or may not be the same person listed as the functional/business sponsor on the Exhibit 53-- the functional/business sponsor may be a higher-level agency official or executive.

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Integrated Program Team (IPT) Contact Information

OMB ID	IPT Member Role	Title	Name	Phone Number	Extension	Email	Include In OMB Dashboard
	IT PM		Chin, Derek J	2025641895		chin.derek@epa.gov	Omit Synchronization
	Business Process Owner		Terris, Carol	2025640533		terris.carol@epa.gov	Omit Synchronization
	Contract Specialist		Herzfeld, Jackye	2025644599		herzfeld.jackye@epa.gov	Omit Synchronization
	IT Specialist		Herzfeld, Jackye	2025644599		herzfeld.jackye@epa.gov	Omit Synchronization
	Security Specialist		Kim, Eric	2025646203		kim.eric@epa.gov	Omit Synchronization

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Exhibit 53 Questions BY15

Primary BRM Mapping (FEA BRM v3.1)	101-Budget Formulation
Secondary BRM Mapping #1 (FEA BRM v3.1)	104-Strategic Planning
Secondary BRM Mapping #2 (FEA BRM v3.1)	
Secondary BRM Mapping #3 (FEA BRM v3.1)	
Secondary BRM Mapping #4 (FEA BRM v3.1)	
What is the amount of this investment's PY funding associated with the agency's HSPD-12 implementation? (* Costs in thousands)	
Cross-Boundary Information Sharing Identifier	None
Supports Information Sharing, Access, and Safeguarding (select all that apply; Applies to BY16 and prior)	None
Functional/Business Sponsor Name	David Bloom
Functional/Business Sponsor Title	Deputy CFO
Functional/Business Sponsor Phone Number	2025641151
Functional/Business Sponsor Phone Number Extension	
Functional/Business Sponsor Email	bloom.david@epa.gov

Ex 300A: Section C: Life Cycle Costs BY15

Life Cycle Costs BY15

Provide the total estimated life-cycle cost for this investment by completing the following table. All amounts represent all budgetary sources of funding, consistent with the Exhibit 53A. Amounts are to be reported in thousands of dollars. Variations from planned expenditures will be reflected in Table C.4 below, as well as in Table B.2 in the Exhibit 300B. Federal personnel costs should be included only in the rows designated "...Govt. FTE costs" and should be excluded from the other cost breakouts.

For multi-agency investments, this table should include all funding (both managing and partner agency contributions), and subsequently may not match figures provided in the Exhibit 53A.

Exhibit 300 BY15: BFS - Budget Formulation System (Revision 33)

The costs associated with the entire life-cycle of the investment should be included in this report. For years beyond BY+1, please provide your best estimates for planning purposes, understanding that estimates for out-year spending will be less certain than estimates for BY+1 or earlier.

For lines in the table that ask for changes in your current submission compared to your most recent previous submission, please use the FY 2014 President's Budget as your previous submission. When making comparisons, please ensure that you compare same-year-to-same-year (e.g., 2013 v. 2013). Significant changes from the previous submission should be reflected in an updated investment-level Alternatives Analysis, subject to OMB review as discussed in Exhibit 300.3.

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Life Cycle Costs FOR PROJECT STAGES * Costs in thousands

	PY – 6 2012 and Prior	PY – 5 2013	PY – 4 2014	PY – 3 2015	PY – 2 2016	PY – 1 2017	PY 2018	CY 2019	BY 2020	BY + 1 2021	BY + 2 2022	BY + 3 2023	BY + 4 2024	BY + 5 2025	BY + 6 2026	BY + 7 2027	BY + 8 2028 and Beyond	Total
Planning Costs																		
Budgetary Resources	0	0	0	0	0	0	0	0	0	100	100	100	100	100	100	100	0	700
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DME (Excluding Planning) Costs																		
Budgetary Resources	0	0	500	998	0	500	500	500	0	0	0	0	0	0	0	0	0	2998
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Planning Govt. FTE Costs																		
Budgetary Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DME (Excluding Planning) Govt. FTE Costs																		
Budgetary Resources	0	0	95	267	278	284	283	283	77	25	25	25	25	25	25	25	0	1742
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total DME Costs (Including Govt. FTE)																		
Budgetary Resources	0	0	595	1265	278	784	783	783	77	125	125	125	125	125	125	125	0	5440
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O&M Costs																		
Budgetary Resources	0	0	0	0	1160	850	850	850	1160	1250	1250	1250	1250	1250	1250	1250	0	13620
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disposition Costs (optional)																		
Budgetary Resources	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O&M Govt. FTE Costs																		
Budgetary Resources	0	0	0	0	0	212	211	211	310	275	275	275	275	275	275	275	0	2869
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total O&M Costs (Including Govt. FTE)																		
Budgetary Resources	0	0	0	0	1160	1062	1061	1061	1470	1525	1525	1525	1525	1525	1525	1525	0	16489
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cost (Including Govt. FTE costs)																		
Budgetary Resources	0	0	595	1265	1438	1846	1844	1844	1547	1650	1650	1650	1650	1650	1650	1650	0	21929
Proposed Budget	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Government FTE Costs																		
Budgetary Resources	0	0	95	267	278	496	494	494	387	300	300	300	300	300	300	300	0	4611
PY President's Budget																		
Total Budget ($)							0	0										
Total Change ($)							1844	1844										
Total Change (%)							0	0										

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Full Time Equivalents BY15

Use the following table to provide the number of Government Full Time Equivalents (FTE) represented by the Government FTE Costs in the Summary of Funding Table. Numbers should be entered in decimal format for each of the categories listed.

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FTE Table

	2012 and Prior	2013	2014	2015	2016	2017	PY 2018	CY 2019	BY 2020	BY + 1 2021	BY + 2 2022	BY + 3 2023	2024	2025	2026	2027	2028 and Beyond	Total
Security	0	0	0	0.4	0.4	0.4	0.4	0.4	0.7	0.4	0.4	0.4	0.4	0.4	0	0	0	4.7
IT	0	0	0	1.6	1.6	1.6	0	0	0	2.1	2.1	2.1	2.1	2.1	0	0	0	15.3
Financial Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Program Management	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	3.1	3.1	1.8	0	0	0	0	0	0	0	0	8.0
Total*	0	0	0	2.0	2.0	2.0	3.5	3.5	2.5	2.5	2.5	2.5	2.5	2.5	0	0	0	28.0

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Funding Questions BY15

In which year did or will this investment begin? (Specify year - e.g., 2013)?   2014

In which year will this investment reach the end of its estimated useful life? (specify year - e.g., 2021)   2030

Compare the funding levels for PY and CY to the final President's Budget for those same years. Briefly explain any significant changes. When making comparisons, ensure that you compare same-year-to-same-year.

Percentage of Investment Cost for Government FTE (BY)   25.016160

Contract Obligation Schedule. Provide estimated contract obligations for PY-1 and Prior, PY, CY, and BY, identifying carry-over funds in the year they will be obligated. Amounts are to be reported in thousands of dollars. Government FTEs should not be included in this table.

Contract	PY-1 & Prior	PY	CY	BY
Planning/DME	0			0
O & M	0			0

Funding Sources BY15

Exhibit 300 BY15: BFS - Budget Formulation System (Revision 33)

Funding Sources   * Costs in thousands

FS Name: MAX Code	Type	Row Type	2012 & Prior	2013	2014	2015	2016	2017	PY 2018	CY 2019	BY 2020	BY + 1 2021	BY + 2 2022	BY + 3 2023	2024	2025	2026	2027	2028 & Beyond	Total	BY Budget Authority
Environmental Programs and Management (EPM): 020-00-0108-0 Internal: Yes		DME	0	0	476	1012	239	742	741	741	47	95	95	95	95	95	95	95	0	4663	47
		SS	0	0	0	0	1087	947	946	946	1408	1163	1163	1163	1163	1163	1163	1163	0	13475	1408
		Total	0	0	476	1012	1326	1689	1687	1687	1455	1258	1258	1258	1258	1258	1258	1258	0	18138	1455
Oil Spill Response: 020-00-8221-0 Internal: Yes		DME	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		SS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Superfund (SF): 020-00-0250-0 Internal: Yes		DME	0	0	119	253	39	42	42	42	30	30	30	30	30	30	30	30	0	777	30
		SS	0	0	0	0	73	115	115	115	62	362	362	362	362	362	362	362	0	3014	62
		Total	0	0	119	253	112	157	157	157	92	392	392	392	392	392	392	392	0	3791	92
Total Yearly Budgets: Internal: No		DME	0	0	595	1265	278	784	783	783	77	125	125	125	125	125	125	125	0	5440	77
		SS	0	0	0	0	1160	1062	1061	1061	1470	1525	1525	1525	1525	1525	1525	1525	0	16489	1470
		Total	0	0	595	1265	1438	1846	1844	1844	1547	1650	1650	1650	1650	1650	1650	1650	0	21929	1547

Exhibit 300 BY15: BFS - Budget Formulation System (Revision 33)

Cloud Computing Costs BY15

Cloud Computing Alternatives Evaluation

The agency evaluated a cloud alternative and chose a cloud alternative for some or all of the investment.

Software-as-a-Service (SaaS) Costs Table

Cloud Model	PY	CY	BY
Public Cloud	0	0	0
Private Cloud	0	0	0
Community Cloud	0	0	0
Hybrid Cloud	0	0	0

Platform-as-a-Service (PaaS) Costs Table

Cloud Model	PY	CY	BY
Public Cloud	0	0	0
Private Cloud	0	0	0
Community Cloud	0	0	0
Hybrid Cloud	0	0	0

Infrastructure-as-a-Service (IaaS) Costs Table

Cloud Model	PY	CY	BY
Public Cloud	0	0	0
Private Cloud	0	0	0
Community Cloud	65	65	65
Hybrid Cloud	0	0	0

Cloud Computing BY Cost Total (* thousands) 65

Cloud Computing CY Cost Total (* thousands) 65

Cloud Computing PY Cost Total (* thousands) 65

Ex 300A: Section D: Acquisition/Contract Strategy BY15

Acquisition/Contract Strategy BY15

In the table below, provide all prime contracts (or task orders) for awarded or open solicitations for the investment (sub-award details are not required). Completed contracts and/or task orders should not be included in the table. Contracts in open solicitation should provide estimated data for all fields (for "Total Contract Value," provide the estimated base contract costs and all anticipated option years). Data definitions can be found at www.usaspending.gov/learn#a2.

Exhibit 300 BY15: BFS - Budget Formulation System (Revision 33)

Contract/Task Orders Table   * Costs in thousands

Row Number	OMB ID	Contract Status	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Modular Approaches/Contracting	Indefinite Delivery Vehicle Procurement Instrument Identifier (IDV PIID)	IDV Agency ID	Solicitation ID	EVM Required	Contract Value	Type of Contract/Task Order (Pricing)	Is the contract a Performance Based Service Acquisition (PBSA)?	Effective date	Actual or expected End Date of Contract/Task Order	Extent Completed	Contract Description	Name of CO	CO Contact information (phone/email)	Include In OMB Dashboard

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If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

Ex 300B: Section A: General Information BY15

General Information BY15

Name of this Investment	BFS - Budget Formulation System
Full UPI/UII Code	020-000010070 00-00-02-16-02-00

Ex 300B: Section B: Project Plan and Execution Data BY15

Projects BY15

In Table B.1, report, at a minimum, all projects with any activities that started in a previous fiscal year (PY and earlier) and have not completed by the beginning of the current year as well as activities that are scheduled to start in the current fiscal year, including planning, DME, and maintenance projects. This information should be updated at least once every month.

Exhibit 300 BY15: BFS - Budget Formulation System (Revision 33)

Projects Table

OMBID	Project ID	Project Name	Objectives /Expected Outcomes	Project Start Date	Project Completion Date	Project Life cycle Cost	SDLC Methodology	PM Name	PM Level of Experience	PM Phone	PM Extension	PM Email	Release Every 6 Months?	Comment	When was the last date that a revised product was deployed to production?	Funded by TMF or IT WCF Funding	Commercial Solution(s) Adoption	Commercial Solution(s) Reasoning	Commercial Solution(s) Costs	Include In OMB Dashboard
	000010070A	Budget Formulation System (BFS) - Requirements Gathering	Collect requirements for the new Budget Formulation System and start reaching out to other Agencies who would like to get involved	03/01/2014	07/31/2014	275	Iterative	Jackye Herzfeld	No certification, but with 4 or more years PM experience (within the last five years)	2025644599		herzfeld.jackye@epa.gov	Yes			N/A				Omit Synchronization
	000010070B	Budget Formulation System - Phase 1	Design, develop, and test the Core components of the system	08/01/2014	07/31/2015	1895	Iterative	Jackye Herzfeld	No certification, but with 4 or more years PM experience (within the last five years)	2025644599		herzfeld.jackye@epa.gov	Yes			N/A				Omit Synchronization
	000010070C	Budget Formulation System - Phase 2	Design, develop, and test additional EPA required functionaliti	08/01/2015	01/30/2016	772	Iterative	Jackye Herzfeld	No certification, but with 4 or more	2025644599		herzfeld.jackye@epa.gov	Yes			N/A				Omit Synchronization

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OMBID	Project ID	Project Name	Objectives /Expected Outcomes	Project Start Date	Project Completion Date	Project Lifecycle Cost	SDLC Methodology	PM Name	PM Level of Experience	PM Phone	PM Extension	PM Email	Release Every 6 Months?	Comment	When was the last date that a revised product was deployed to production?	Funded by TMF or ITWCF Funding	Commercial Solution(s) Adoption	Commercial Solution(s) Reasoning	Commercial Solution(s) Costs	Include In OMB Dashboard
			es						years PM experience (within the last five years)											
	00001 0070D	Budget Formulation System - Phase 3	Design, develop, and test additional EPA required functionalities	02/01 /2016	06/30 /2016	772	Iterative	Jackye Herzfeld (retired)	No certification, but with 4 or more years PM experience (within the last five years)	20256 44599		herzfeld.jackye@epa.gov	Yes			N/A				Omit Synchronization
	00001 0070E	Budget Formulation System - Phase 4	Design, develop, and test additional EPA required functionalities	07/01 /2016	12/31 /2016	780	Iterative	Jackye Herzfeld (retired)	No certification, but with 4 or more years PM experience (within the last five years)	20256 44599		herzfeld.jackye@epa.gov	Yes			N/A				Omit Synchronization
	00001	Budget	Design,	01/01	06/30	392	Iterativ	Jack	No	20256		herzfeld.jack	Yes		06/13/	N/A				Omit

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OMBID	Project ID	Project Name	Objectives /Expected Outcomes	Project Start Date	Project Completion Date	Project Lifecycle Cost	SDLC Methodology	PM Name	PM Level of Experience	PM Phone	PM Extension	PM Email	Release Every 6 Months?	Comment	When was the last date that a revised product was deployed to production?	Funded by TMF or ITWCF Funding	Commercial Solution(s) Adoption	Commercial Solution(s) Reasoning	Commercial Solution(s) Costs	Include In OMB Dashboard
	0070F	Formulation System - Phase 5: Doc Prep / Performance Modules	develop, and test additional EPA required functionalities	/2017	/2017		e	ye Herzfeld (retired)	certification, but with 4 or more years PM experience (within the last five years)	44599		ye@epa.gov			2017					Synchronization
	00001 0070G	Budget Formulation System - Phase 6: Doc Prep / Performance / Security Build Out & Scenario Building	Design, develop, and test additional EPA required functionalities	07/01 /2017	12/31 /2017	321	Iterative	Jack ye Herzfeld (retired)	No certification, but with 4 or more years PM experience (within the last five years)	20256 44599		herzfeld.jack ye@epa.gov	Yes		12/28/ 2017	N/A				Omit Synchronization
	00001 0070H	Budget Formulation System - Phase 7: Security Build	Design, develop, and test additional EPA required functionalities	01/01 /2018	06/30 /2018	250	Iterative	Jack ye Herzfeld (retired)	No certification, but with 4 or more years PM	20256 44599		herzfeld.jack ye@epa.gov	Yes		05/04/ 2018	N/A				Omit Synchronization

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OMB ID	Project ID	Project Name	Objectives /Expected Outcomes	Project Start Date	Project Completion Date	Project Life cycle Cost	SDLC Methodology	PM Name	PM Level of Experience	PM Phone	PM Extension	PM Email	Release Every 6 Months?	Comment	When was the last date that a revised product was deployed to production?	Funded by TMF or ITWCF Funding	Commercial Solution(s) Adoption	Commercial Solution(s) Reasoning	Commercial Solution(s) Costs	Include In OMB Dashboard
		Out & Scenario Building/ Core Functionalities / Performance Program Project & Appropriation Linking / Mapping Performance PGs & PIs							experience (within the last five years)											
	00001 0070I	Budget Formulation System - Phase 8: Core Functionalities Phase 2 / Performance Bidding History /	Design, develop, and test additional EPA required functionalities	07/01 /2018	09/30 /2018	125	Iterative	Edward Cottrill	No certification, but with 4 or more years PM experience (within the last five years)	20256 45002		cottrill.edward@epa.gov	Yes		07/27/ 2018	N/A				Omit Synchronization

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OMBID	Project ID	Project Name	Objectives /Expected Outcomes	Project Start Date	Project Completion Date	Project Life cycle Cost	SDLC Methodology	PM Name	PM Level of Experience	PM Phone	PM Extension	PM Email	Release Every 6 Months?	Comment	When was the last date that a revised product was deployed to production?	Funded by TMF or IT WCF Funding	Commercial Solution(s) Adoption	Commercial Solution(s) Reasoning	Commercial Solution(s) Costs	Include In OMB Dashboard
		Original Requirements Phase 1																		
	00001 0070J	Budget Formulation System Training and Preliminary Data Entry	To get users accustomed to the system, while allowing them to enter data alongside BAS.	10/01 /2015	11/30 /2017	30	Not Primarily a Software Development Project	Jackye Herzfeld (retired)	No certification, but with 4 or more years PM experience (within the last five years)	20256 44599		herzfeld.jackye@epa.gov	N/A			N/A				Omit Synchronization
	00001 0070K	Original Requirements Phase 2 / System Interface / Budget Execution / Flexible Structure / Crosswalks / Bulk	Design, develop, and test additional EPA functionalities original requirements. We will also finalize work related to areas where execution data is needed/provided since the hosting analysis/ne	10/01 /2018	03/30 /2019	36	Iterative	Edward Cottrill	No certification, but with 4 or more years PM experience (within the last five years)	20256 45002		cottrill.edward@epa.gov	Yes			N/A				Omit Synchronization

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OMBID	Project ID	Project Name	Objectives /Expected Outcomes	Project Start Date	Project Completion Date	Project Life cycle Cost	SDLC Methodology	PM Name	PM Level of Experience	PM Phone	PM Extension	PM Email	Release Every 6 Months?	Comment	When was the last date that a revised product was deployed to production?	Funded by TMF or IT WCF Funding	Commercial Solution(s) Adoption	Commercial Solution(s) Reasoning	Commercial Solution(s) Costs	Include In OMB Dashboard
		Data Operations / Data Migration	xt steps will impact those tasks (reprogramming, flexible structure and crosswalks, as well as some data management items such as bulk data operations and migration of data from BAS). For performance there will be work related to Performance dashboard, and there is some additional work needed on audit trails and utility forms. These are all part of original requirements set.																	
	00001	Origina	Design,	04/01	09/30	36	Iterativ	Edw	No	20256		cottrill.edwa	Yes			N/A				Omit

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O M B I D	Proje ct ID	Projec t Name	Objectives /Expected Outcomes	Proje ct Start Date	Proje ct Comp letion Date	Proj ect Life cycl e Cost	SDLC Metho dolog y	PM Na me	PM Level of Exper ience	PM Phon e	PM Exte nsio n	PM Email	Rele ase Eve ry 6 Mon ths?	Com men t	When was the last date that a revise d produ ct was deplo yed to produ ction?	Fun ded by TMF or IT WC F Fun din g	Com merci al Soluti on(s) Adopt ion	Com merci al Soluti on(s) Reaso ning	Com merci al Soluti on(s) Costs	Includ e In OMB Dashb oard
	0070L	I Requir ements Phase 3 / Syste m Interfa ce / Budget Executi on / Flexibl e Structu re / Crossw alks / Bulk Data Operati ons / Data Migrati on	develop, and test additional EPA functionaliti es original requiremen ts. We will also finalize work related to areas where execution data is needed/pro vided since the hosting analysis/ne xt steps will impact those tasks (reprogram ming, flexible structure and crosswalks, as well as some data manageme nt items such as bulk data operations and migration of data from BAS). For performanc e there will be work	/2019	/2019		e	ard Cott rill	certifi cation , but with 4 or more years PM experi ence (withi n the last five years)	45002		rd@epa.gov								Synchro nization

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OMBID	Project ID	Project Name	Objectives /Expected Outcomes	Project Start Date	Project Completion Date	Project Life cycle Cost	SDLC Methodology	PM Name	PM Level of Experience	PM Phone	PM Extension	PM Email	Release Every 6 Months?	Comment	When was the last date that a revised product was deployed to production?	Funded by TMF or ITWCF Funding	Commercial Solution(s) Adoption	Commercial Solution(s) Reasoning	Commercial Solution(s) Costs	Include In OMB Dashboard
			related to Performance dashboard, and there is some additional work needed on audit trails and utility forms. These are all part of original requirements set.																	

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Project Activities BY15

In Table B.2, describe, at a minimum, all activities for projects in Table B.1 that started in a previous FY (PY and earlier) and that have not been completed by the beginning of the CY, as well as activities that are scheduled to start in the current FY and BY. In line with modular development principles, each project must produce usable functionality at intervals of no more than six months. Include the following data in Table B.2:

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Master Cost & Schedule: Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline   * Costs in thousands

This table represents milestones at Work Breakdown Structure level 1

Activity Number	Is Complete	Project **	Activity Name**	Activity Description **	Structure ID**	OMB ID**	Current Baseline									Include In ITDB		
							Total Cost			Start Date			Completion Date					
							Planned **	Projected	Actual	Planned **	Projected	Actual	Planned **	Projected	Actual			

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Project Execution Risks BY15

Risk assessments should include risk information from all stakeholders and should be performed at the initial concept stage and then monitored and controlled throughout the life cycle of the investment. A copy of the investment Risk Management Plan must be uploaded to the IT Dashboard in conjunction with the Exhibit 300 submission.

In Table B.3, list all significant project-related risks submitted for the investment that are currently open and provide risk assessment information. It is not necessary to address all 19 OMB Risk Categories. Consider the combination of the risk probability and the risk impact when identifying significant risks. Include the following data in Table B.3:

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Project and Operational Risks

OMB ID	Risk Type	Project	Risk Name	Risk Category	Risk Probability	Risk Impact	Mitigation Plan	Is This Risk Closed?	Include in IT Dashboard
	Operational Risk		Relationship with other financial systems	Dependencies and Interoperability between this investment and others	Low	Low	Maintain and ensure working relationship between BFS and other financial systems	No	Omit Synchronization
	Operational Risk		Security Risks	Security	Low	Low	The Information Security Officer maintains internal controls, security updates, and system security plan	No	Omit Synchronization
	Operational Risk		Server down time	Technology	Low	Low	In case the server goes down, the backup test server will be used, followed by the server in RTP, followed by physically going to Keylogic Systems in Columbia, Maryland.	No	Omit Synchronization
	Operational Risk		Sensitive budget data	Data/Info	Low	Medium	Ensure proper controls are in place and the correct security measures are taken.	No	Omit Synchronization
	Project Risk	Budget Formulation System (BFS) - Requirements Gathering	Scheduled Development Delays Due to Funding	Schedule	Low	Low	Maintain the current BAS system for agency operations	No	Omit Synchronization
	Project Risk	Budget Formulation System (BFS) - Requirements Gathering	Unexpected Personnel Changes	Project resources	Low	High	Replace with personnel who have experience in the development stage of SDLC.	No	Omit Synchronization
	Project Risk	Budget Formulation System (BFS) - Requirements Gathering	Hosting Acquisition Issues	Technology	Medium	High	Use Citrix temporarily, or find another cloud provider.	No	Omit Synchronization

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Ex 300B: Section C: Operational Data BY15

Operational Performance BY15

Provide results specific metrics which are appropriate to the mission of the investment and its business owner or Customer. Generally these metrics should be provided by the investment's business owner and will reflect performance in the broader business activities and not IT-specific functions. The best results specific metrics will support the business case justification and could be the foundation of a quantitative approach to defining benefits in a cost-benefit analysis. Unlike in private industry where identified benefits accrue to the organization, government benefits may accrue to the public. Therefore, results-specific metrics may demonstrate the value realized external to the Federal Government. The table must include a minimum of two results-specific metrics, one of which should reflect customer results.

Each metric description should help the user understand what is being measured. In this field, describe the units used, any calculation algorithm used, and the definition or limits of the population or "universe" measured.

The unit of measure should be characterized (e.g. number, percentage, dollar value etc) for each metric. Each metric listed in the table must also indicate how often actual measurements will be reported (monthly, quarterly or semi-annually), as well as baseline, targets and actual results. The "Actual for PY" should be final actual measurement from the previous year or the average actual results from the previous year. Describe whether a successful actual measurement would be "over the target" or be "under the target" in "Measurement Condition." "Comment" field is required for performance metrics where target not expected to be met. All data will be displayed on the IT Dashboard.

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Operational Performance

OMB ID	Metric ID	Metric Name	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	Target for 2018	Target for 2019	Measurement Condition	Reporting Frequency	Agency Strategic Objective or Priority Goal	Is the Metric Retired?	Include In OMB Dashboard
	A	Financial Actuals Reporting	Financial actuals reporting (e.g. SNC) completed accurately and on time each quarter	Quarterly Reports	Customer Satisfaction (Results)				Over target	Quarterly		No	Omit Synchronization
	C	External Budget Submissions	External budget submissions (OMB) are created and submitted on schedule.	Submissions	Strategic and Business Results				Over target	Annual		No	Omit Synchronization
	D	Final End of Month Actual Results	Compile the final end of month actual results in BAS.	Data Type	Customer Satisfaction (Results)				Over target	Monthly		No	Omit Synchronization
	B	Availability of Cloud	The availability of the Microsoft Azure cloud will need to be available at all times in order for BFS to operational.	Percent	Customer Satisfaction (Results)				Over target	Annual		No	Omit Synchronization
	E	Cloud Costs	The Microsoft Azure cloud is relatively inexpensive, while offering exclusive government services.	Dollars	Financial Performance				Under target	Annual		No	Omit Synchronization

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As actual results are measured at the appropriate frequency, report them using the following table. Also use this table when applicable to provide any historical actual results for a new metric (optional). When adding a new metric, include historical actual result information as available.

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Operational Performance Actual Results Table

OMB ID	Performance Metric	Actual Result	Date of Actual Result	Comment	Include on IT Dashboard
	Financial Actuals Reporting	N/A	5/18/2015	BFS is not operating, therefore no actual results are available at this time.	Omit Synchronization
	External Budget Submissions	N/A	5/18/2015	BFS is not operating, therefore no actual results are available at this time.	Omit Synchronization
	Final End of Month Actual Results	N/A	5/18/2015	BFS is not operating, therefore no actual results are available at this time.	Omit Synchronization
	Availability of Cloud	N/A	5/18/2015	BFS is not operating, therefore no actual results are available at this time.	Omit Synchronization
	Cloud Costs	65000	5/18/2015		Omit Synchronization

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By checking this box, the investment owner certifies   [ ]
that the data in this investment has been
reviewed/updated within the past month and represents
the latest correct data.

Operational Risk BY15

Risk assessments should include risk information from all stakeholders and should be performed at the initial concept stage and then monitored and controlled throughout the life cycle of the investment. A copy of the investment risk management plan must be uploaded to the IT Dashboard. In Table C.2, list all significant operational related risks submitted for the investment that are currently open and provide risk assessment information. It is not necessary to address all 19 OMB Risk Categories. Consider the combination of the risk probability and the risk impact when identifying significant risks. Include the following data in Table C.2:

Exhibit 300 BY15: BFS - Budget Formulation System (Revision 33)

Project and Operational Risks

OMB ID	Risk Type	Project	Risk Name	Risk Category	Risk Probability	Risk Impact	Mitigation Plan	Is This Risk Closed?	Include in IT Dashboard
	Operational Risk		Relationship with other financial systems	Dependencies and Interoperability between this investment and others	Low	Low	Maintain and ensure working relationship between BFS and other financial systems	No	Omit Synchronization
	Operational Risk		Security Risks	Security	Low	Low	The Information Security Officer maintains internal controls, security updates, and system security plan	No	Omit Synchronization
	Operational Risk		Server down time	Technology	Low	Low	In case the server goes down, the backup test server will be used, followed by the server in RTP, followed by physically going to Keylogic Systems in Columbia, Maryland.	No	Omit Synchronization
	Operational Risk		Sensitive budget data	Data/Info	Low	Medium	Ensure proper controls are in place and the correct security measures are taken.	No	Omit Synchronization
	Project Risk	Budget Formulation System (BFS) - Requirements Gathering	Scheduled Development Delays Due to Funding	Schedule	Low	Low	Maintain the current BAS system for agency operations	No	Omit Synchronization
	Project Risk	Budget Formulation System (BFS) - Requirements Gathering	Unexpected Personnel Changes	Project resources	Low	High	Replace with personnel who have experience in the development stage of SDLC.	No	Omit Synchronization
	Project Risk	Budget Formulation System (BFS) - Requirements Gathering	Hosting Acquisition Issues	Technology	Medium	High	Use Citrix temporarily, or find another cloud provider.	No	Omit Synchronization

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